

(8)

[ABSTRACT OF THE DISCLOSURE]

5 Novel mannanases comprising eg. an amino acid sequence as shown
in positions 31-330 of SEQ ID NO:2 or their homologues may be
derived from eg. *Bacillus* sp. I633, or may be encoded by polynu-
cleotide molecules comprising a nucleotide sequence as shown in
SEQ ID NO: 1 from nucleotide 91 to nucleotide 990, polynucleo-
10 tide molecules that encode a polypeptide that is at least 65%
identical to the amino acid sequence of SEQ ID NO: 2 from amino
acid residue 31 to amino acid residue 330, or degenerate nucleo-
tide sequences thereof. The mannanases are alkaline and are
useful eg. in cleaning compositions, in a fracturing fluid
15 useful to fracture a subterranean formation, for modifying plant
material, and for treatment of cellulosic fibres.